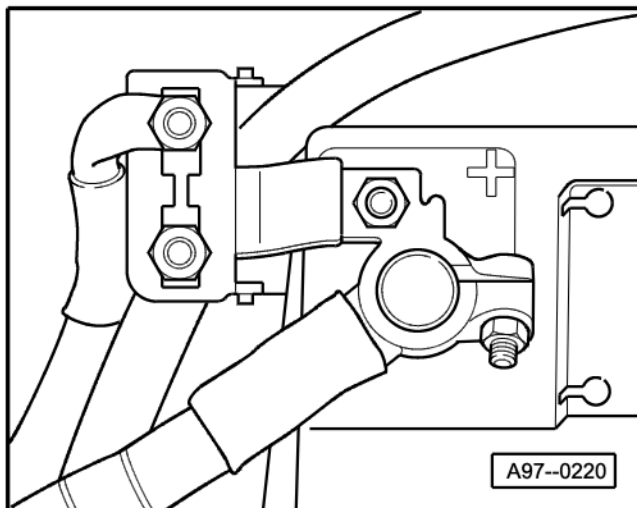


## Automatic Climate Control

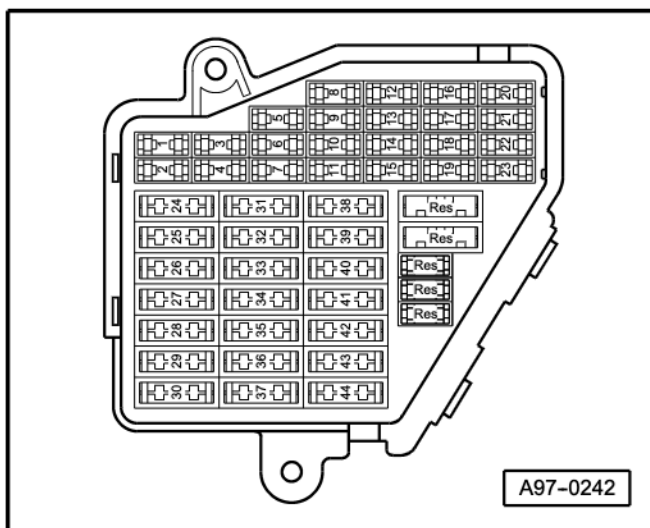
From 2004 m. y.

### Main fuse



◆ on the Battery

### Fuse holder



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◆ Instrument panel driver side

Fuse Colors

30 A - Green

25 A - Withe

20 A - Yellow

15 A - Blue

10 A - Red

7,5 A - Brown

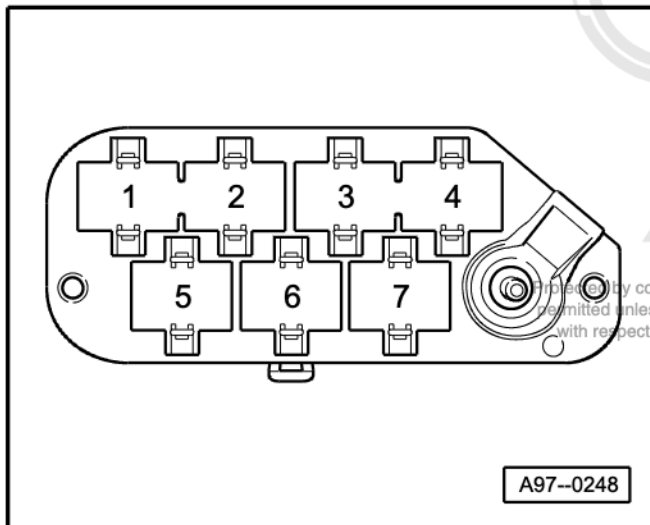
5 A - Beige



Note:

◆ Fuse in fusebox from 23 onwards are numbered 223 onwards in Current Flow Diagram.

Coupling station with threaded connection

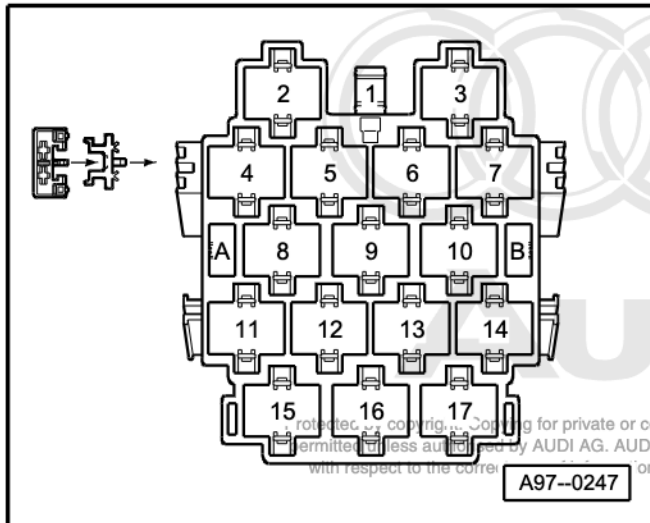


◆ in the electronics box, plenum chamber

3 - 17-Pin Connector, red (T17d)

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# Connector station A-pillar



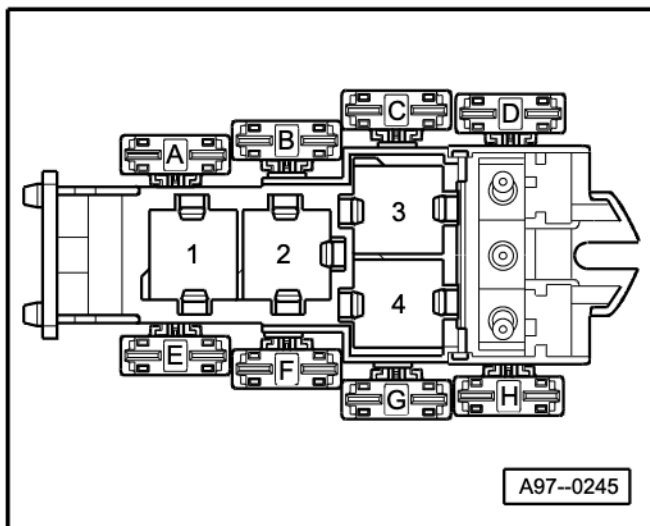
◆ behind side trim, left

9 - 17-Pin Connector, darkbrown (T17g)

13 - 10-Pin Connector, violet (T10c)

14 - 10-Pin Connector, grey (T10d)

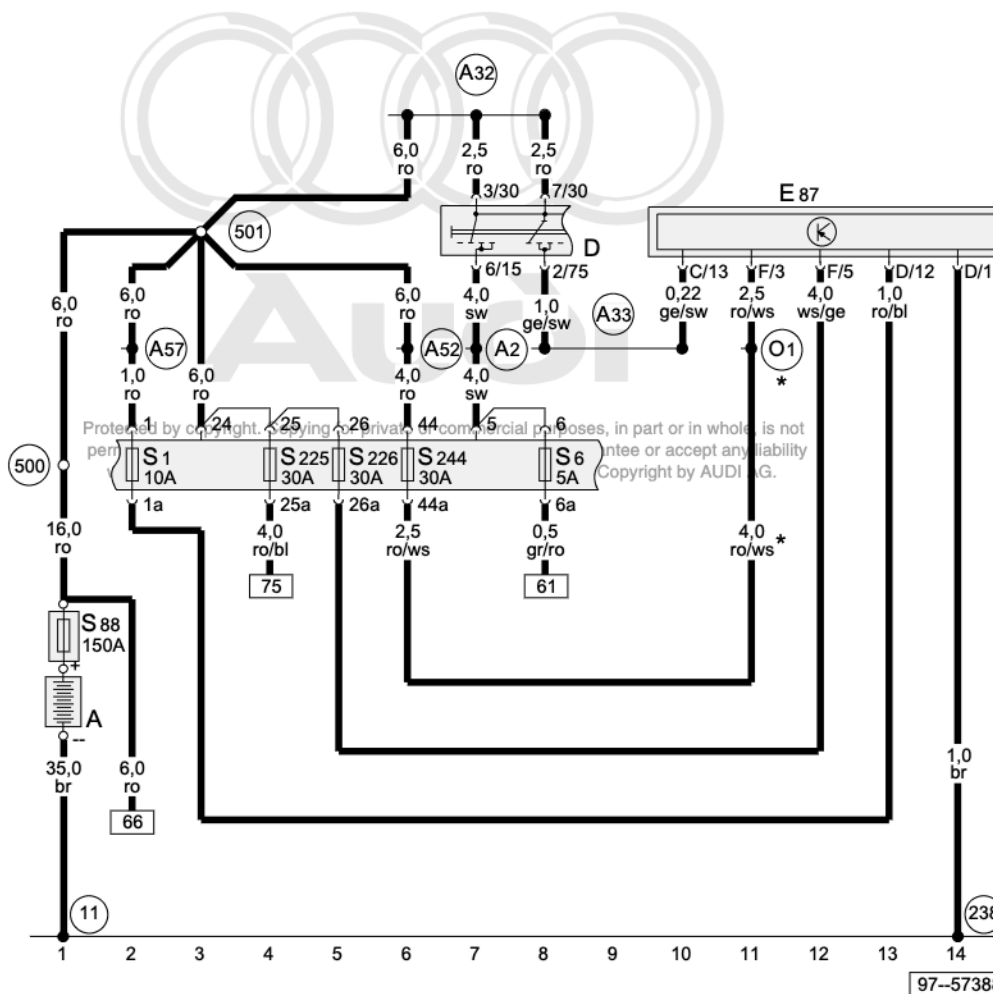
4-Pin Relay Carrier with threaded connection



- ◆ Instrument panel driver side



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# A/C Control Head, fuses

- A Battery
- D Ignition/Starter Switch
- E87 A/C Control Head
- S1 Fuse in fuse holder/relay panel
- S6 Fuse in fuse holder/relay panel
- S88 Fuse Strip (main fuse)
- S225 Fuse in fuse holder
- S226 Fuse in fuse holder (Auxiliary Heater)
- S244 Fuse in fuse holder

- 11 Ground connection, in battery box
- 238 Ground connection -1-, in wiring harness interior
- 500 Threaded connection -1- (30), on the relay plate
- 501 Threaded connection -2- (30), on the relay plate
- A2 Plus connection (15), in instrument panel wiring harness
- A32 Plus connection (30), in instrument panel wiring harness
- A33 Wire connection (75), in instrument panel wiring harness
- A52 Plus Connection 2 (30) (in instrument panel wiring harness)
- A57 Plus connection -2- (30), in instrument panel wiring harness
- O1 Plus connection (30), in heated seats wiring harness
- \* with rear heated seat only

ws = white  
 sw = black  
 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = lilac  
 ge = yellow  
 or = orange  
 rs = pink

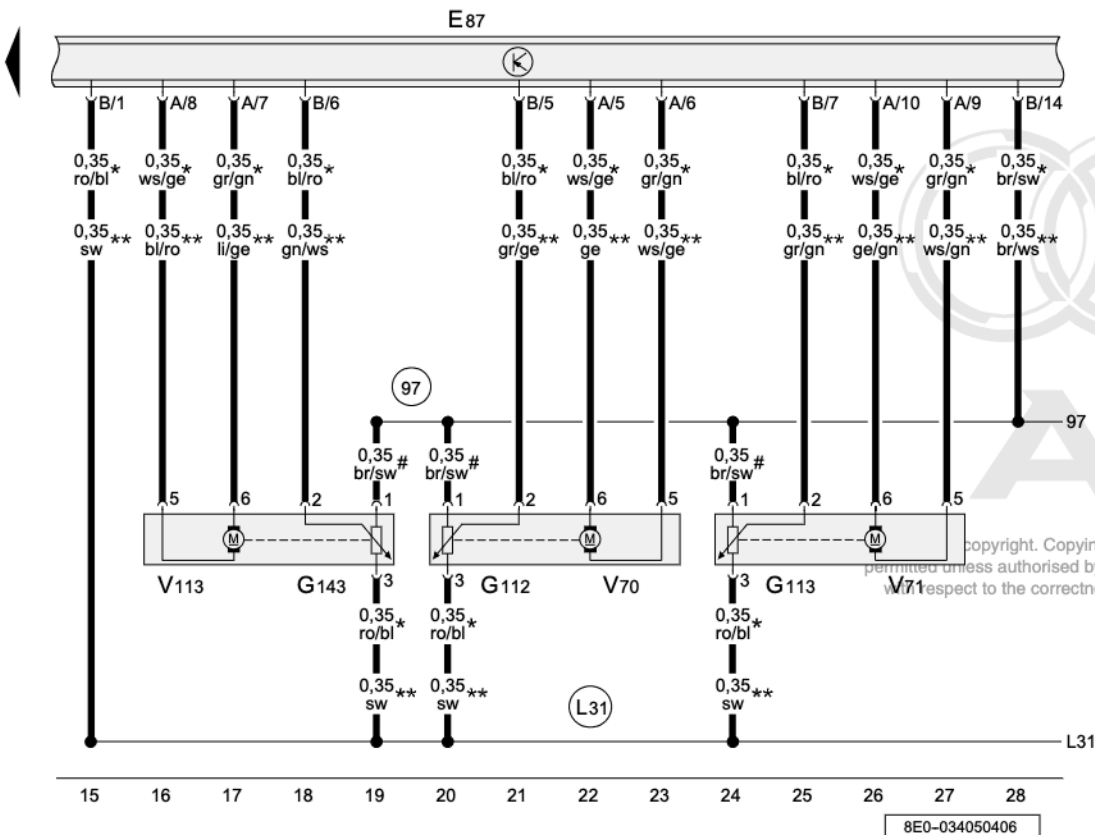
Central Air Flap Motor, Air Flow Flap Motor, Recirculation Flap Motor

- E87 A/C Control Head
- G112 Central Flap Motor Position Sensor
- G113 Back Pressure Flap Motor Position Sensor
- G143 Recirculation Flap Motor Position Sensor
- V70 Central Air Flap Motor
- V71 Air Flow Flap Motor
- V113 Recirculation Flap Motor

97 Ground Connection 1 (in A/C wiring harness)

L31 Connection (5 Volts) (in A/C wiring harness)

- \* discontinued (Phased in modification)
- \*\* Phased in modification
- # wire color br/ws, Phased in modification



- ws = white
- sw = black
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- bl = blue
- gr = grey
- li = lilac
- ge = yellow
- or = orange
- rs = pink

Defroster Flap Motor, Left Temperature Flap Motor, Right Temperature Flap Motor

- E87 A/C Control Head
- G135 Defroster Flap Motor Position Sensor
- G220 Left Temperature Flap Potentiometer/Actuator
- G221 Right Temperature Flap Potentiometer/Actuator
- V107 Defroster Flap Motor
- V158 Left Temperature Flap Motor
- V159 Right Temperature Flap Motor

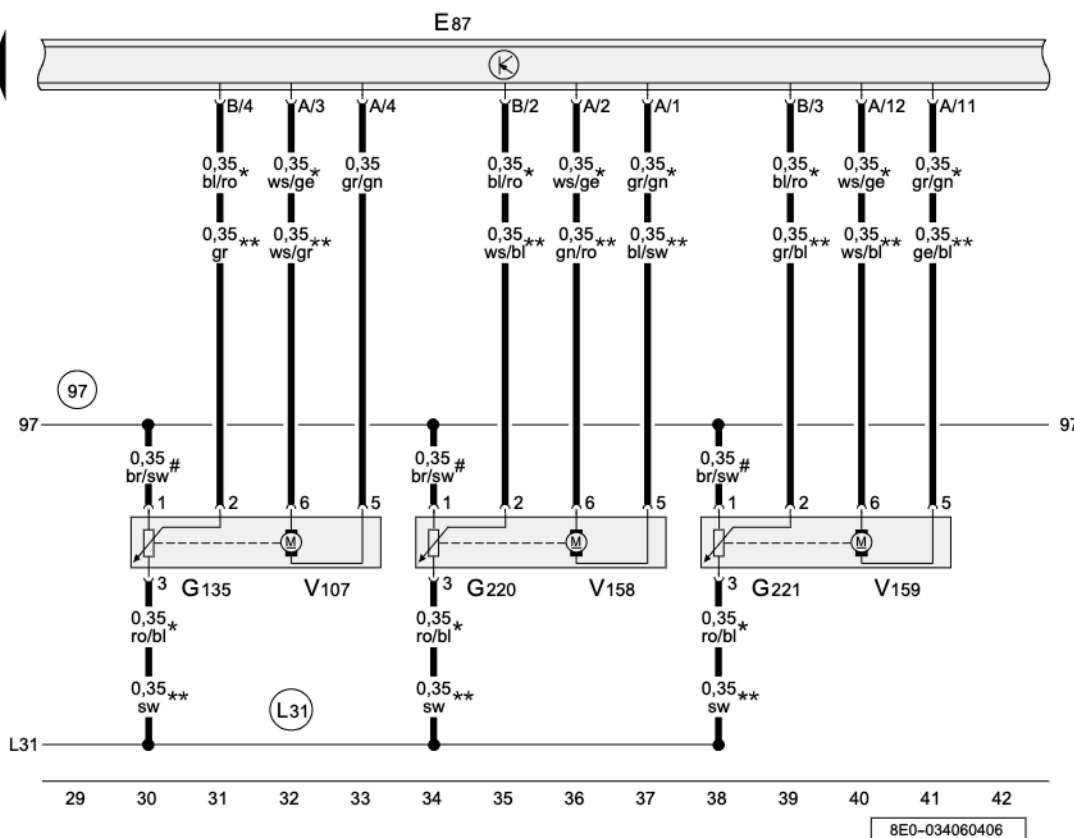
97 Ground Connection 1 (in A/C wiring harness)

L31 Connection (5 Volts) (in A/C wiring harness)

\* discontinued (Phased in modification)

\*\* Phased in modification

# wire color br/ws, Phased in modification



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Sunlight Photo Sensor, Vent Temperature Sensor, Fresh Air Intake Duct Temperature Sensor

- E87 A/C Control Head
- G89 Fresh Air Intake Duct Temperature Sensor
- G107 Sunlight Photo Sensor
- G150 Left Vent Temperature Sensor
- G151 Right Vent Temperature Sensor
- G261 Left Footwell Vent Temperature Sensor
- G262 Right Footwell Vent Temperature Sensor
- G263 Evaporator Vent Temperature Sensor

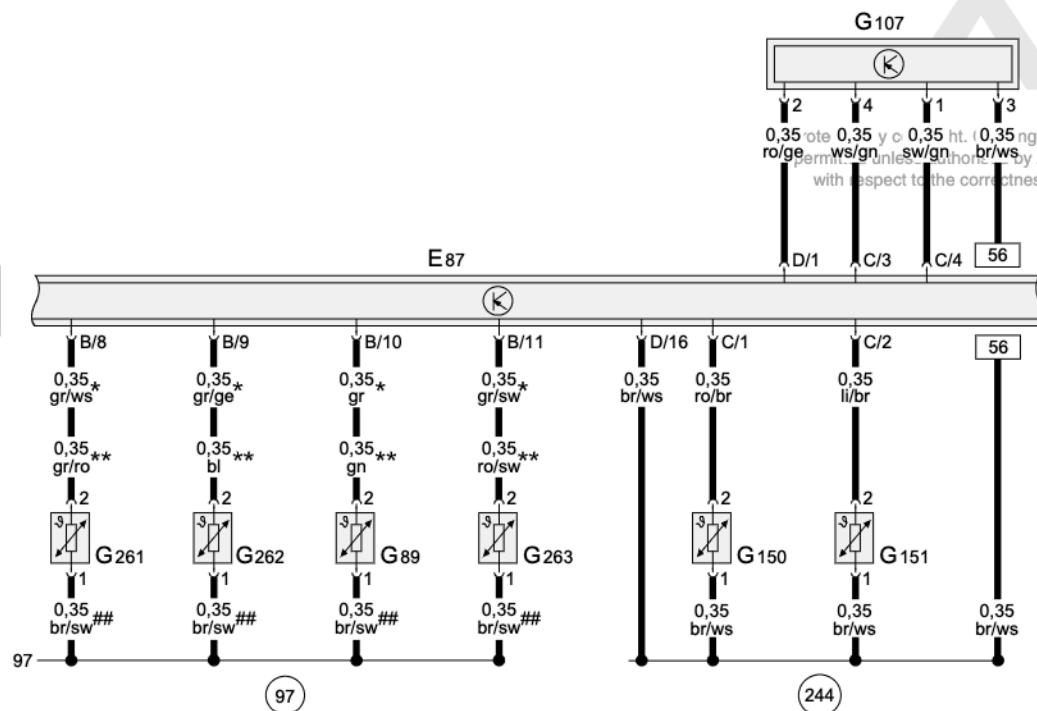
97 Ground Connection 1 (in A/C wiring harness)

244 Sensor Ground Connection (in Climatronic wiring harness)

\* discontinued (Phased in modification)

\*\* Phased in modification

## wire color ws, Phased in modification



ws = white  
 sw = black  
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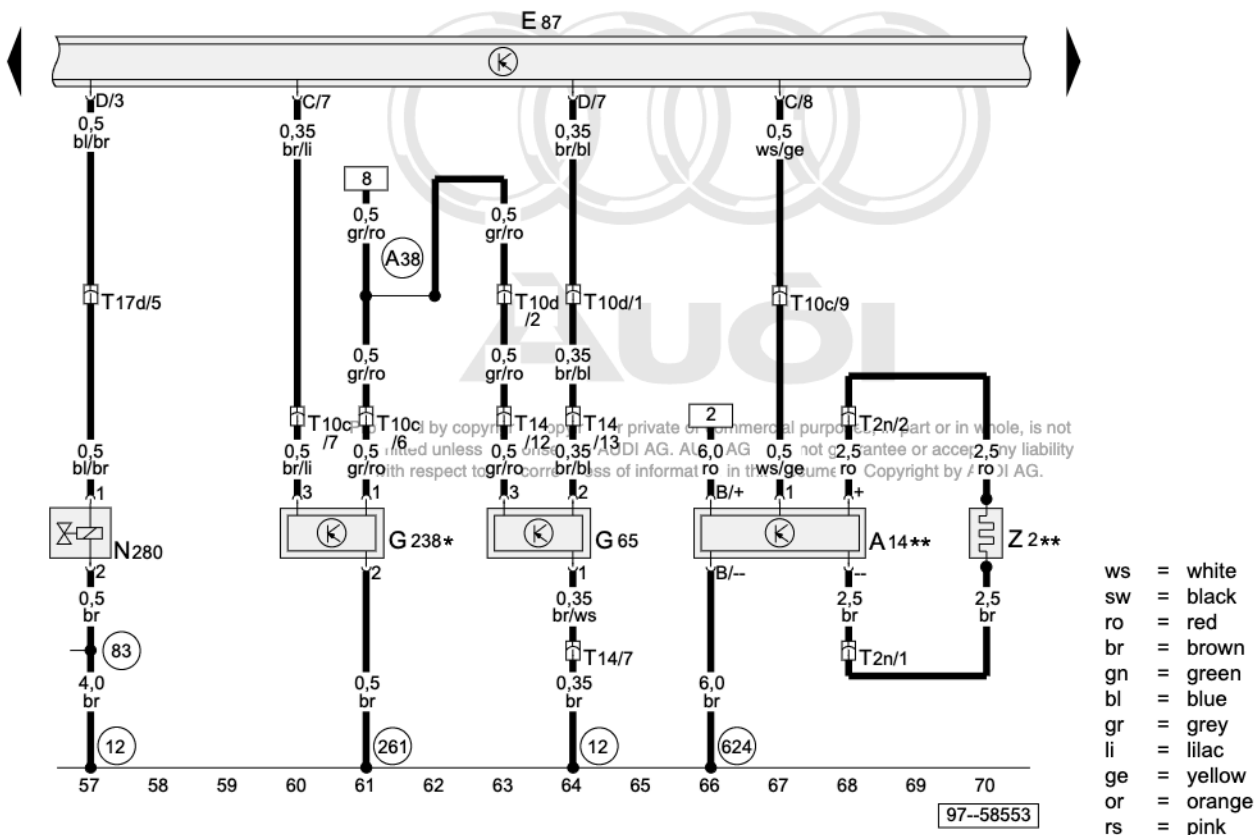
43 44 45 46 47 48 49 50 51 52 53 54 55 56

8E0-034070406

A/C Control Head, high Pressure sensor, sensor for air quality, Compressor Regulator Valve, heated front window

- A14 Windshield Heating Voltage Converter
- E87 A/C Control Head
- G65 High Pressure Sensor
- G238 Sensor for air quality
- N280 A/C Compressor Regulator Valve
- T2n Double Connector, near Windshield Heating Voltage Converter
- T10c 10-Pin Connector, violet, connector station A-pillar, left
- T10d 10-Pin Connector, grey, connector station A-pillar, left
- T14 14-Pin Connector, black, in engine compartment, left
- T17d 17-Pin Connector, red, connector station E-box, plenum chamber
- Z2 Heated front window

- 12 Ground connection, in engine compartment, left
- 83 Ground connection -1-, in right front wiring harness
- 261 Ground connection, in wiring harness heated spray jet
- 624 Ground Connection (starter battery)
- A38 Plus connection -2- (15a), in instrument panel wiring harness
- \* with sensor for air quality only
- \*\* with heated front window only



A/C Control Head, Heated rear window, Solar Cells, Fresh Air Blower

- C18 Windshield Antenna Suppression Filter
- C20 Solar Cells
- E87 A/C Control Head
- J126 Control module for fresh air blower
- T17g 17-Pin Connector, dark brown, connector station A-pillar, left
- V2 Fresh Air Blower
- Z1 Heated rear window

33 Ground connection, behind instrument panel, right

44 Ground connection, on left A-pillar, lower part

238 Ground connection -1-, in wiring harness interior

347 Ground Connection (in roof wiring harness)

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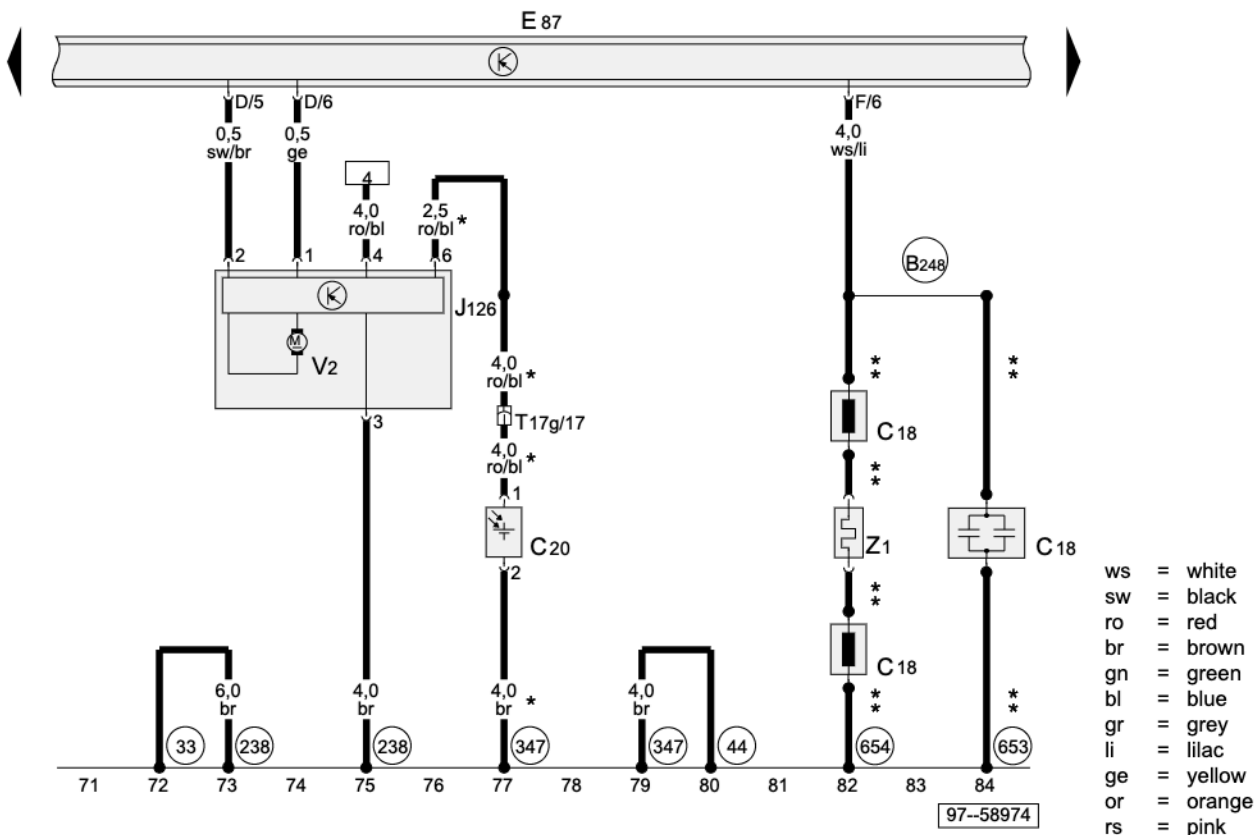
653 Ground Connection (on left D-pillar)

654 Ground Connection (on right D-pillar)

B248 Heated Rear Window Connection -2- (in interior wiring harness)

\* models with Solar Cells only

\*\* for avant, see current wiring diagram for avant rear

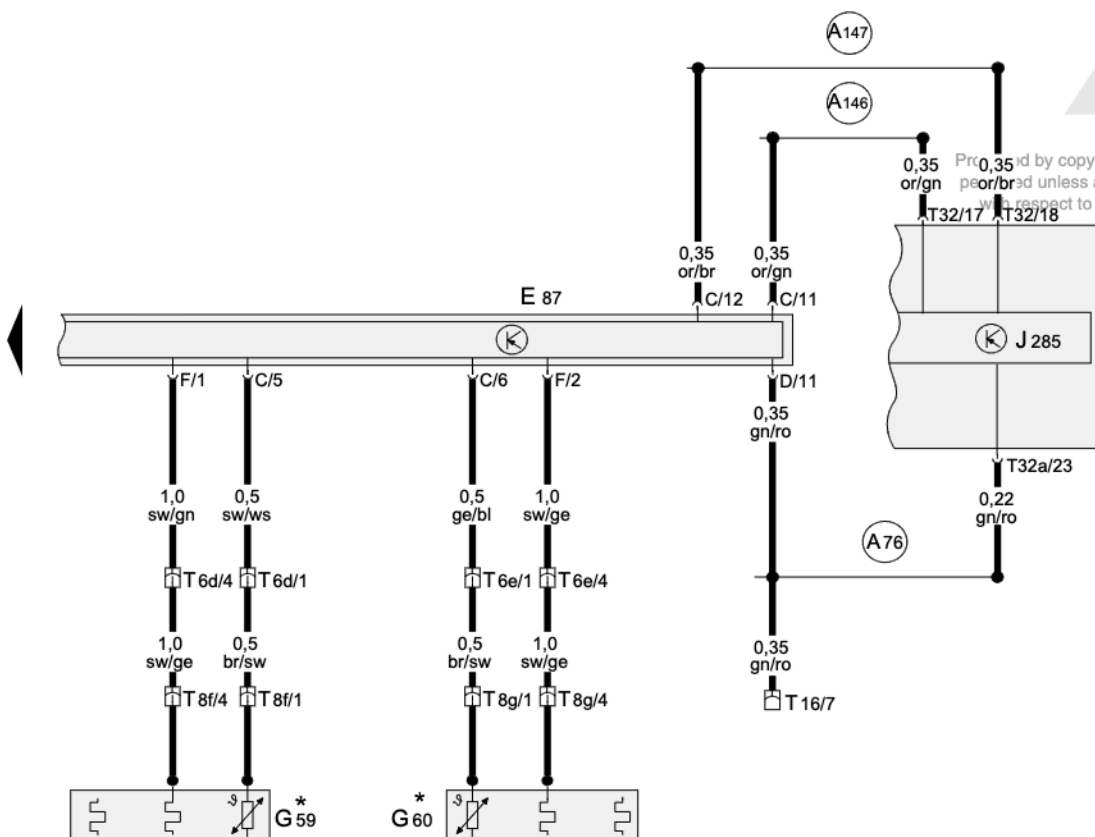


# Instrument Cluster Control Module

- E87 A/C Control Head
- G59 Driver's Heated Seat Temperature Sensor
- G60 Front Passenger's Heated Seat Temperature Sensor
- J285 Instrument Cluster Control Module
- T6d 6-Pin Connector, green, seat wiring connector station, driver's seat
- T6e 6-Pin Connector, green, seat wiring connector station, passenger seat
- T8f 8-Pin Connector, on driver's seat for driver's seat Heating Element
- T8g 8-Pin Connector, on passenger's seat for passenger's seat Heating Element
- T16 16-Pin Connector, black, Data Link Connector (DLC)
- T32 32-Pin Connector, blue, on instrument panel insert
- T32a 32-Pin Connector, green, on instrument panel insert

- A76 K-Diagnosis Wire Connection (in instrument panel wiring harness)
- A146 Comfort System High-Bus Connection (in instrument panel wiring harness)
- A147 Comfort System Low-Bus Connection (in instrument panel wiring harness)

\* with heated seats only, ⇒ Heated Seats wiring diagram



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